

AD/TD Joint Projects Meeting
Wednesday, 15 December 2004, 1:15 PM
Club 157, Trailer 157

Present: Paul Czarapata, Dave Harding (scribe), Peter Garbincius, Gregg Kobliska, Jeff Spalding, John Zweibohmer

Review of Tasks and Priorities

Linac Power amplifier tubes (#285)

A designer from PPD has started. He was advertised as a 2-D person, but has picked up 3-D skills on his own. TD needs to make an estimate of how much work it is going to be finish the drawings. The money can then be transferred from M&S budgeted for a contract drafter in AD (project 26) to TD (project 36).

Booster kickers (#305, #364)

One new Booster kicker is said to be complete and another was potted on Tuesday.

Plans are proceeding for the new kickers with larger aperture beam tubes. The costs for these will be segregated in anticipation of wanting to move the task to the Proton Plan.

OrBump (#203)

Preparations are under way in AD to test the first magnet in early January. The vacuum leaks are thought to be due to a) scratches on the surface of the power lead and b) inability to tighten the fittings adequately on the water line. Both are being addressed in the design. Magnetic testing does not require beam vacuum.

Booster trim package (#291)

Work is proceeding actively, with a weekly meeting. We are getting close to starting a mechanical design.

Main Injector/Tevatron Lambertson spares (#181)

The first spare has been measured and is ready to go. The second should be done in February, or so. Coil winding on the third and fourth has begun and may be complete by the end of the month.

Debuncher extraction kicker (#225)

Last week's meeting had limited productivity due to the absence of a couple of key players. AD management really needs a review of the technical options a) with time and cost estimates and b) benefit estimates from simulations. A TD/AD meeting is being organized for the first week of January to address a). P-Bar physicists need to address b).

LEP corrector coils (#274, #351)

Production of more coils is proceeding vigorously. There is a rumor of unexpected variation in strength among the installed magnets, as evidenced by the need to change the calibration constants. Most of the magnets were not measured prior to installation due to schedule constraints. There was some odd behavior observed in testing, but not large enough that it should have an impact on operations. A larger sample of the next batch can be studied.

WQB (#295)

Laminations are being stamped. The main conductor is due in the port of New York next

week. Winding tooling is due in early January. The over all schedule is tight, but hasn't slipped since October.

BLASTMAN (#297)

Discussions are resuming on providing a mechanism for making magnet measurement data more readily available to accelerator modelers. This will require resources. The first AD/TD meeting on the subject will be Thursday.

WBS issues

The TD WBS reorganization was done in November.

New jobs

No new jobs.

**Next Meeting: Wednesday, 5 January 2005, 1:15 PM
Club 157 in Trailer 157**